LITEON
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Ver. 0.1

52x Max CD-ROM Drive

Features

LTN-5291S

★ **The shortest physical drive length design, lighter and easier to fit various systems**

★ **ATAPI/E-IDE Half-Heigh 52X CD-ROM, with UDMA-33 support**

★ **SMART-X(*1) function adjusts CD-DA/VCD data extraction to a fastest allowable speed according to both data request rate from host and disk quality**

★ **ABS(*2) mechanism to reduce vibration & noise while high speed rotating**

★ **CD read compliant :CD-DA, CD-ROM, CD-ROM/XA, Photo-CD, Multi-sesssion, Karaoke-CD, Video-CD, CD-I FMV, CD Extra, CD Text, CD-R, and CD-RW**

★ **MPC level 3, PC2001 System Design Guide, NSTL and MultiRead compliant**

★ **Belt Tray Loading Mechanism**

★ **Easy-Tray design for both Horizontal & Vertical operation, supports both 8 cm &12cm discs**

★ **Supports Ultra DMA mode2 , DMA mode2 , and PIO mode 4**

★ **3 tray-eject mehods:Stop/Eject button, software, and pin hole eject**

Specifications

◎ **Performance** 52X(7800KB/Sec) maximum by CAV

◎ **PC Required** Pentium 166MHz or higher Memory: 64MB or higher
HDD must have access time < 20 ms; with a minimum of 100MB free space

◎ **Access time :** 80ms (typical)

◎ **Buffer Size :** 128KB

◎ **Compatibility** Microsoft Windows 95/98SE/ME/NT/2000/XP

◎ **SN Rotation** >60dB

◎ **Enviroment**

Operating 5℃ to 45℃; Relative Humidity: 15% to 80%

Non-Operating -35℃ to 60℃; Relative Humidity: 15% to 95%

◎ **MTBF(Life) :** 70,000 POH

◎ **Dimension :** 145.8(W) x 41.3(H) x 170.0(D) mm

◎ **Weight :** <0.9Kg

◎ **Voltage Requirements :**

+5V +/-5% and less than 100 mVp-p ripple voltage

+12V +/-5% and less than 200 mVp-p ripple voltage

***1 SMART-X : S**mart **M**onitoring & **A**djusting **R**ead-speed **T**echnology for e**X**traction.
***2 ABS : A**uto **B**alance **S**pindle

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